

Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Polarization fluctuation characteristics of a highly birefringent fiber system under forced vibration**
   Imai, M.; Terasawa, Y.; Ohtsuka, Y.;
   Lightwave Technology, Journal of
   Volume 6, Issue 5, May 1988 Page(s):720 - 727
   IEEE JNL

2. **Spatial, polarization, and pattern diversity for wireless handheld terminals**
   Dietrich, C.B., Jr.; Dietze, K.; Nealy, J.R.; Stutzman, W.L.;
   Antennas and Propagation, IEEE Transactions on
   Volume 49, Issue 9, Sept. 2001 Page(s):1271 - 1281
   IEEE JNL

3. **Fiber parametric amplifiers for wavelength band conversion**
   Islam, M.N.; Boyraz, O.;
   Selected Topics in Quantum Electronics, IEEE Journal of
   Volume 8, Issue 3, May-June 2002 Page(s):527 - 537
   IEEE JNL

4. **System performance evaluation of the FSA submarine optical amplifier system**
   Murakami, M.; Takahashi, T.; Aoyama, M.; Imai, T.; Amemiya, M.; Sumida, M.; Aiki, M.;
   Lightwave Technology, Journal of
   Volume 14, Issue 12, Dec. 1996 Page(s):2657 - 2671
   IEEE JNL

5. **Spectrum-sliced fiber amplifier light source with a polarization-insensitive electroabsorption modulator**
   Lee, J.S.; Chung, Y.C.; Wood, T.H.; Meester, J.P.; Joyner, C.H.; Burrus, C.A.; Stone, J.; Presby, H.M.; DiGiovanni, D.J.;
   Photonics Technology Letters, IEEE
   Volume 6, Issue 8, Aug. 1994 Page(s):1035 - 1038
   IEEE JNL

6. **2.5 Gbit/s-9720 km, 10 Gbit/s-6480 km transmission in the FSA commercial system with 90 km spaced optical amplifier repeaters and dispersion-managed cables**
   Murakami, M.; Takahashi, T.; Aoyama, M.; Amemiya, M.; Sumida, M.; Ohkawa, N.; Fukada, Y.; Imai, T.; Aiki, M.;
   Electronics Letters
   Volume 31, Issue 10, 11 May 1995 Page(s):814 - 816
   IEE JNL

7. **PMD-induced BER penalties in optically-amplified IM/DD lightwave systems**
   Morkel, P.R.; Syngal, V.; Butler, D.J.; Newman, R.;
   Electronics Letters
   Volume 30, Issue 10, 12 May 1994 Page(s):806 - 807
   IEE JNL

8. **Multi-aperture coherent Doppler lidar for mitigation of turbulence and vibration induced speckle effects**
   Mamidipudi, P.; Killinger, D.;
   Lasers and Electro-Optics, 2002. CLEO '02. Technical Digest. Summaries of Papers Presented at the 2002 Page(s):649 vol.1
   IEEE CNF

9. **SNR degradation due to variations in input signal power and polarisation state in semiconductor laser amplifier based switch systems**

Yao, J.; O'Mahony, M.;
Transparent Optical Networks: Applications, Architectures and Technology, IEE Colloquium on
22 Apr 1994 Page(s):7/1 - 7/5
IEE CNF

10. **BER evaluation for phase and polarization diversity optical homodyne receivers using noncoherent ASK and DPSK demodulation**
Siuzdak, J.; van Etten, W.;
Lightwave Technology, Journal of
Volume 7, Issue 4, April 1989 Page(s):584 - 599
IEEE JNL

11. **Analysis of a signal estimation algorithm for diversely polarized arrays**
Weiss, A.J.; Friedlander, B.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
Volume 41, Issue 8, Aug. 1993 Page(s):2628 - 2638
IEEE JNL

12. **Identification of metallic mine-like objects using low frequency magnetic fields**
Riggs, L.S.; Mooney, J.E.; Lawrence, D.E.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 39, Issue 1, Jan. 2001 Page(s):56 - 66
IEEE JNL

13. **Variance bounds on the estimation of reflectivity and polarization parameters in radar meteorology**
Schulz, T.J.; Kostinski, A.B.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 35, Issue 2, March 1997 Page(s):248 - 255
IEEE JNL

14. **Direction finding with an array of antennas having diverse polarizations**
Ferrara, E., Jr.; Parks, T.;
Antennas and Propagation, IEEE Transactions on [legacy, pre - 1988]
Volume 31, Issue 2, Mar 1983 Page(s):231 - 236
IEEE JNL

15. **Dynamic magneto-optic detector for analog readout**
Lins, S.;
Magnetics, IEEE Transactions on
Volume 3, Issue 4, Dec 1967 Page(s):599 - 605
IEEE JNL

16. **High-resolution, nonmechanical approach to polarization-dependent transmission measurements**
Craig, R.M.; Gilbert, S.L.; Hale, P.D.;
Lightwave Technology, Journal of
Volume 16, Issue 7, July 1998 Page(s):1285 - 1294
IEEE JNL

17. **High performance single frequency fiber grating-based erbium/ytterbium-codoped fiber lasers**
Loh, W.H.; Samson, B.N.; Dong, L.; Cowle, G.J.; Hsu, K.;
Lightwave Technology, Journal of
Volume 16, Issue 1, Jan. 1998 Page(s):114 - 118
IEEE JNL

18. **Optimization of a magneto-optical light modulator-Part I: modeling of birefringence and Faraday effect**
Gaugitsch, M.; Hauser, H.;
Lightwave Technology, Journal of
Volume 17, Issue 12, Dec. 1999 Page(s):2633 - 2644
IEEE JNL

19. **Noise characteristics of polarisation sensitive optically preamplified receivers**

Cunningham, D.G.; Coles, A.N.; White, I.H.;
Electronics Letters
Volume 26, Issue 19, 13 Sept. 1990 Page(s):1619 - 1621
IEE JNL

20. **The SRTM topographic mapping processor**
Hensley, S.; Rosen, P.; Gurrola, E.;
Geoscience and Remote Sensing Symposium, 2000. Proceedings. IGARSS 2000. IEEE 2000 International
Volume 3, 24-28 July 2000 Page(s):1168 - 1170 vol.3
IEEE CNF

21. **Efficiency equalization of up- and down-conversion four-wave mixing in a semiconductor optical amplifier using two pumps with orthogonal polarization**
Mecozzi, A.; Contestabile, G.; Martelli, F.; Graziani, L.; D'Ottavi, A.; Spano, P.; Guekos, G.; Dall'Ara, R.; Eckner, J.;
Optical Fiber Communication Conference and Exhibit, 1998. OFC '98., Technical Digest
22-27 Feb. 1998 Page(s):107 - 108
IEEE CNF

22. **Uni-vector-sensor ESPRIT for multi-source azimuth-elevation angle-estimation**
Kainam T. Wong; Zoltowski, M.D.;
Antennas and Propagation Society International Symposium, 1996. AP-S. Digest
Volume 2, 21-26 July 1996 Page(s):1368 - 1371 vol.2
IEEE CNF

23. **21 GHz wideband fiber optic link**
Pan, J.J.;
Microwave Symposium Digest, 1988., IEEE MTT-S International
25-27 May 1988 Page(s):977 - 978
IEEE CNF

24. **Polarization Tracking of a Partially Coherent Signal Using a Double Loop**
Ohlson, J.;
Communications, IEEE Transactions on [legacy, pre - 1988]
Volume 23, Issue 9, Sep 1975 Page(s):859 - 866
IEEE JNL

25. **Maximum likelihood signal estimation for polarization sensitive arrays**
Weiss, A.J.; Friedlander, B.;
Antennas and Propagation, IEEE Transactions on
Volume 41, Issue 7, July 1993 Page(s):918 - 925
IEEE JNL

Indexed by Inspec

Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

26. **Sea surface imaging with an across-track interferometric synthetic aperture radar: the SINEWAVE experiment**
Schulz-Stellenfleth, J.; Horstmann, J.; Lehner, S.; Rosenthal, W.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 39, Issue 9, Sept. 2001 Page(s):2017 - 2028
IEEE JNL

27. **Signal-to-Noise Ratio Statistics for Nondispersive Fading in Radio Channels with Cross Polarization Interference Cancellation**
Amitay, N.;
Communications, IEEE Transactions on [legacy, pre - 1988]
Volume 27, Issue 2, Feb 1979 Page(s):498 - 502
IEEE JNL

28. **On the improvement of the signal-to-noise ratio in systems receiving circular waves**
Laute, A.; Blau, K.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 42, Issue 2, Feb. 1994 Page(s):354 - 356
IEEE JNL

29. **Optimisation of signal-to-noise ratio in an optical current measurement system using different detection schemes**
Zhang, W.; Ning, Y.N.; Zhang, Z.P.; Grattan, K.T.V.; Palmer, A.W.;
Science, Measurement and Technology, IEE Proceedings-
Volume 144, Issue 4, July 1997 Page(s):175 - 180
IEE JNL

30. **Capacity obtained from multiple-input multiple-output channel measurements in fixed wireless environments at 2.5 GHz**
Erceg, V.; Soma, P.; Baum, D.S.; Paulraj, A.J.;
Communications, 2002. ICC 2002. IEEE International Conference on
Volume 1, 28 April-2 May 2002 Page(s):396 - 400
IEEE CNF

31. **Polarization combining scheme for radio direction finding with multipath**
Satorius, E.H.; Zhong Ye; Archer, E.D.;
Military Communications Conference, 2001. MILCOM 2001. Communications for Network-Centric Operations: Creating the Information Force. IEEE
Volume 1, 28-31 Oct. 2001 Page(s):383 - 387 vol.1
IEEE CNF

32. **Feasibility of a low-field MR imager using hyperpolarized $^{129}$Xe**
McDonald, M.; Cross, A.; Santyr, G.;
Engineering in Medicine and Biology Society, 2000. Proceedings of the 22nd Annual International Conference of the IEEE
Volume 4, 23-28 July 2000 Page(s):2857 - 2860 vol.4
IEEE CNF

33. **Highly sensitive optical-sampling system using a periodically poled lithium niobate crystal**
Nogiwa, S.; Ohta, H.; Chiba, H.;
Lasers and Electro-Optics, 1999. CLEO '99. Summaries of Papers Presented at the Conference on
23-28 May 1999 Page(s):471 - 472
IEEE CNF

34. **Polarization diversity for HF data transmission**
Jorgenson, M.B.; Johnson, R.W.; Moreland, K.W.; Serinken, N.; Chow, S.; Willink, T.J.;
HF Radio Systems and Techniques, Seventh International Conference on (Conf. Publ. No. 441)
7-10 July 1997 Page(s):105 - 109
IEE CNF

35. **The future of optically amplified submarine systems**
Mitchell, A.F.; Wright, J.V.; Carter, S.F.; Ellis, A.D.; Lord, A.; Lyle, J.; Scott, J.M.;
Telecommunications, 1993. Fourth IEE Conference on
18-21 Apr 1993 Page(s):43 - 48
IEE CNF

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L7 | 677842 | noise or distortion | US-PGPUB; USPAT | AND | ON | 2006/12/06 20:30 |
| L8 | 48918 | SNR or BER | US-PGPUB; USPAT | AND | OFF | 2006/12/06 20:31 |
| L9 | 700173 | 7 or 8 | US-PGPUB; USPAT | AND | ON | 2006/12/06 20:36 |
| L10 | 12202 | ((polariz$5 or DOP) with compensat$5) or PMD | US-PGPUB; USPAT | AND | ON | 2006/12/06 20:32 |
| L11 | 253 | 9 same 10 same measur$5 | US-PGPUB; USPAT | AND | ON | 2006/12/06 20:36 |
| L12 | 536319 | noise or 8 | US-PGPUB; USPAT | AND | ON | 2006/12/06 20:36 |
| L13 | 147 | 12 same 10 same measur$5 | US-PGPUB; USPAT | AND | ON | 2006/12/06 20:37 |
| L15 | 1 | "6512612".pn. switch | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/06 21:14 |
| L16 | 1687 | 398/29,81,147-150,158,159, 192-195,208-211.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/06 21:15 |
| L17 | 295 | 10 16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/06 21:15 |
| L18 | 273 | 17 not 13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/06 21:34 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| L19 | 137 | 18 12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/06 21:34 |
| L20 | 12973 | measur$5 adj5 polariz$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/06 22:27 |
| L21 | 403 | 20 same 9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/06 22:33 |
| L22 | 14 | 16 21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/06 22:27 |
| S1 | 1 | 10/662394.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/30 21:10 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S2 | 48 | (US-5654816-$ or US-6219176-$ or US-4399564-$ or US-4563637-$ or US-5327511-$ or US-5359678-$ or US-5361270-$ or US-5410151-$ or US-5627359-$ or US-5789731-$ or US-5798858-$ or US-5805322-$ or US-6008916-$ or US-6029894-$ or US-6069718-$ or US-6118561-$ or US-6209789-$ or US-4824251-$ or US-4998295-$ or US-5184244-$ or US-5189296-$ or US-5206909-$ or US-5268612-$ or US-5282074-$ or US-5309530-$ or US-5309535-$). did. or (US-5339182-$ or US-5345331-$ or US-5391101-$ or US-5406404-$ or US-5481390-$ or US-5491576-$ or US-5526162-$ or US-5548434-$ or US-5576883-$ or US-5596438-$ or US-5611005-$ or US-5659412-$ or US-5689594-$ or US-5724371-$ or US-5754320-$ or US-5760939-$ or US-5841557-$ or US-5875045-$ or US-5887091-$ or US-5894362-$ or US-5896392-$ or US-5910852-$).did. | USPAT | AND | ON | 2006/11/01 20:12 |
| S3 | 1 | 10/662394.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/30 21:10 |
| S4 | 1 | S3 automatic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/30 21:15 |
| S5 | 1 | S3 select$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/11/30 21:15 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S6 | 48 | (US-5654816-$ or US-6219176-$ or US-4399564-$ or US-4563637-$ or US-5327511-$ or US-5359678-$ or US-5361270-$ or US-5410151-$ or US-5627359-$ or US-5789731-$ or US-5798858-$ or US-5805322-$ or US-6008916-$ or US-6029894-$ or US-6069718-$ or US-6118561-$ or US-6209789-$ or US-4824251-$ or US-4998295-$ or US-5184244-$ or US-5189296-$ or US-5206909-$ or US-5268612-$ or US-5282074-$ or US-5309530-$ or US-5309535-$). did. or (US-5339182-$ or US-5345331-$ or US-5391101-$ or US-5406404-$ or US-5481390-$ or US-5491576-$ or US-5526162-$ or US-5548434-$ or US-5576883-$ or US-5596438-$ or US-5611005-$ or US-5659412-$ or US-5689594-$ or US-5724371-$ or US-5754320-$ or US-5760939-$ or US-5841557-$ or US-5875045-$ or US-5887091-$ or US-5894362-$ or US-5896392-$ or US-5910852-$).did. | USPAT | AND | ON | 2006/12/06 14:29 |
| S7 | 351365 | noise or SNR | USPAT | AND | ON | 2006/12/06 14:29 |
| S8 | 10319 | (degree near3 polariz$5) or DOP | USPAT | AND | ON | 2006/12/06 15:05 |
| S9 | 10 | S6 S7 S8 | USPAT | AND | ON | 2006/12/06 14:34 |
| S10 | 213 | S7 same S8 | USPAT | AND | ON | 2006/12/06 14:46 |
| S11 | 9928 | "398"/$.ccls. | USPAT | AND | ON | 2006/12/06 14:35 |
| S12 | 30 | S10 S11 | USPAT | AND | ON | 2006/12/06 14:44 |
| S13 | 79 | 398/26.ccls. | USPAT | AND | ON | 2006/12/06 14:44 |
| S14 | 3 | S8 S13 | USPAT | AND | ON | 2006/12/06 14:44 |
| S15 | 119011 | (polariz$5) or DOP | USPAT | AND | ON | 2006/12/06 20:26 |
| S16 | 5683 | S15 same S7 | USPAT | AND | ON | 2006/12/06 15:05 |
| S17 | 403 | S11 S16 | USPAT | AND | ON | 2006/12/06 15:05 |
| S18 | 232 | measur$4 S17 | USPAT | AND | ON | 2006/12/06 15:06 |
| S19 | 14 | ("20010028760" \| "20020015547" \| "20030011839" \| "5311346" \| "5659412" \| "5930414" \| "6130766" \| "6417948" \| "6493473" \| "6583903").PN. OR ("6678431" \| "7050658").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/06 16:22 |
| S20 | 3 | (US-6317240-$ or US-5930414-$ or US-5659412-$).did. | USPAT | AND | ON | 2006/12/06 16:55 |
| S21 | 2 | S20 noise | USPAT | AND | ON | 2006/12/06 16:55 |
| S22 | 2 | S20 S7 | USPAT | AND | ON | 2006/12/06 20:26 |